



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

October 23, 2019

Susan Westra  
Neogen  
620 Leshner Pl  
Lansing, MI 48912

Subject: Notification per PRN 98-10 – Add optional marketing graphics, updating label codes and establishment numbers  
Product Name: Prozap  
EPA Registration Number: 47000-149  
Application Date: March 28, 2019  
Decision Number: 550779

Dear Ms. Westra:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

**In all future notification submission, make sure the label is redlined/highlighted. The color blue used is not easy enough to determine differences/edits.**

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EPA Reg. No. 47000-149  
Decision No. 550779

If you have any questions, you may contact please contact Autumn Metzger at 703-305-5314 or [Metzger.autumn@epa.gov](mailto:Metzger.autumn@epa.gov).

Sincerely,



for

Beth Fertich, Product Manager 04  
Invertebrate & Vertebrate Branch 1  
Registration Division (7505P)  
Office of Pesticide Programs

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

10/23/2019

# Permethrin .25% Dust

**ACTIVE INGREDIENT:**

Permethrin\* ..... 0.25%

**OTHER INGREDIENTS:** ..... 99.75%

**TOTAL**..... 100.00%

\* (3-phenoxyphenyl)methyl (+/-) cis/trans 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate  
(Cis/Trans ratio: Min 35% (+/-) cis and max. 65% (+/-) trans.)

EPA Reg. No. 47000-149

EPA Est. No. 47000-IA-01

EPA Est. No. 61282-WI-01

EPA Est. No. 89287-KS-2

EPA Est. No. 69208-MO-3

EPA Est. No. 66171-CA-001

EPA Est. No. 66171-TN-001

[(First letter of batch number indicates establishment)]

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

*See [inside] [side] [front] back] panel[s], [booklet, leaflet] for [First Aid and] additional Precautionary Statements  
[and complete Directions for Use]*

**Net Contents:**

2 lbs. (907 g)

12.5 lbs. (5.67 kg)

20 lbs. (9.07 kg)

**Net Weight:**

2 lbs. (907 g)

12.5 lbs. (5.67 kg)

20 lbs. (9.07 kg)

**Manufactured by:**

Chem-Tech, Ltd.

1006 Business Highway 5

Pleasantville, IA 50225 U.S.A.

{**Note to Reviewer:** Items in [brackets] represent optional language, any or all of which may appear on the final label. Standard measurements may be abbreviated or written out. “[This product]” supports the addition of the product brand name, which must be formatted in a size consistent with the surrounding body text. For brand names used in body text, bold, italic, and/or ALL CAPITALS is also permitted. Additional/optional marketing statements are listed

on the last page(s) of this label. Section headers may be centered or formatted for emphasis, consistent with general

<b>FIRST AID</b>	
<b>If on Skin or on Clothing:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>If in Eyes:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li><li>• Remove contact lenses, if present, after the first 15 minutes, then continue rinsing eye.</li><li>• Call a poison control center for further treatment advice.</li></ul>
<p>Have <b>product container or label with you when calling a poison control center, doctor, or going in for treatment.</b></p> <p><b>For 24-hour emergency information on this product, call 1-800-498-5743 (US &amp; Canada) or 1-651-523-0318 (all other areas)</b></p>	

label layout.}

{**Note to Reviewer:** First Aid statement may be formatted without bullets or as paragraph(s)}

## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

#### **CAUTION:**

*HUMANS:* Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing.

*ANIMALS:* Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur, bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.

### **ENVIRONMENTAL HAZARDS**

This product is extremely toxic to fish and aquatic organisms, including fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash this pesticide off the treatment area.

This product is highly toxic to bees and other pollinating insects exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees or other pollinating insects are actively foraging in the treatment area.

### **PHYSICAL OR CHEMICAL HAZARDS**

Do not use, pour, spill, or store near heat or open flame.

#### **Personal Protective Equipment (PPE):**

Loaders, applicators, and handlers must wear:

- Long-sleeved shirt and long pants,
- Shoes [and] [plus] socks,

- Chemical-resistant gloves made of any waterproof material, and
- A NIOSH-approved respirator with a dust/mist filter (MSHA/NIOSH approval number prefix TC-21C) or any N, R, P, or HE filter.

### **User Safety Requirements**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Application with aerial or motorized ground equipment is prohibited.

### **User Safety Recommendations**

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**READ THIS LABEL:** Read this entire label and follow all use directions, use restrictions and precautions.

**FOR PET USE: USE ONLY ON CATS AND DOGS.**

### **USE RESTRICTIONS**

- Do not breathe dust.
- Do not make applications in the rain.
- Do not water the treated area to the point of run-off.
- Use of hand-held power duster equipment is prohibited.
- Do not enter or allow others to enter until the dust has settled.
- All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses: 1) Treatment to soil or vegetation around structures; 2) Applications to lawn, turf, and listed vegetation; 3) Applications to building foundations, up to a maximum height of 3 feet.
- Do not water the treated area to the point of run-off.

### **HOME GARDENS**

For use on home gardens. Not for use on plants being grown for commercial sale or commercial use.

[This product] controls a wide range of insect pests. Apply when insects first appear, and before damage from insect feeding occurs. Use a dust applicator such as [a] [this] shaker can, dust gun, puffer or other bulbous duster, rotary duster, or other appropriate duster as available. Dust lightly to cover upper and lower leaf surfaces with a thin, even film of dust. Apply when air is calm to

avoid drift and contact with eyes and skin. Allow dust to settle in treated areas before reentering. Do not allow dust to wind-drift to non-target plants or water supplies. Start applying at the farthest corner of the treatment area and work backward to avoid contact with dusted surfaces. For plants above chest height, consider using [brand insecticide].

## **VEGETABLES AND MELONS**

The number in parentheses ( ) following each crop grouping is the pre-harvest interval, e.g., the number of days that must be observed between application and harvest.

***Artichokes (0):*** To control [kill] the *artichoke plume moth* and *leafminer*. Do not exceed 5 applications per season.

### ***Asparagus (1):***

To control (kill) *asparagus beetle* and *cutworm*. Do not exceed 4 applications per season.

### ***Asparagus (post-harvest):***

To control (kill) *larval and adult stages of the asparagus beetle*, *tarnished plant bug*, *lygus bug*, *collards*, and *adult stages of the Japanese beetle*. Dust ferns or bush growth after spear harvest when insects are present. (Not for use in California).

***Celery*** - see leafy vegetables.

### ***Cole Crops (Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Chinese Cabbage (tight-heading variation only), Chinese Broccoli (on Gai Lon, White Flowering) (1):***

To control [kill] the *beet armyworm*, *cabbage aphid*, *cabbage looper*, *cutworm*, *diamondback moth*, *flea beetle*, *imported cabbageworm*, *leafminer*, *plant bug*, *thrips*. Apply every 5 days or as needed. Do not exceed 8 applications per season on cauliflower, Brussels sprouts and broccoli, or 5 applications on cabbage.

***Corn*** - see sweet corn.

### ***Cucurbits (Balsam Pear, Bitter Melon, Chinese Wax Gourd, Chinese Preserving Melon, Citron Melon, Cucumber, Gherkin, Edible Gourds, Melons (including hybrids such as Cantaloupe, Casaba, Crenshaw, Honeydew, Honey Ball, Mango Melon, Muskmelon, Persian Melon), Pumpkin, Squash (Summer and Winter), Watermelon) (0):***

To control [kill] *aphid*, *cabbage looper*, *cucumber beetle (adult)*, *cutworm*, *leafhopper*, *leafminer*, *melonworm*, *pickleworm*, *plant bug*, *squash bug*. Do not exceed 8 applications per season.

### ***Eggplant (3):***

To control [kill] *Colorado potato beetle*, *vegetable leafminer*, *flea beetle*. Do not exceed 10 applications per season.

### ***Leafy Vegetables (Amaranth, Arugula, Celery, Chervil, Corn Salad, Chrysanthemum (Edible-Leaved and Garland), Cress (Garden and Upland), Dandelion, Dock, Endive, Fennel, Lettuce (head and leaf), Orach, Parsley, Purslane (Garden and Winter), Rhubarb, Spinach, and Swiss Chard) (1):***

To control [kill] *alfalfa looper, aphid, beet armyworm, cabbage looper, corn earworm, cutworm, European corn borer, fall armyworm, green cloverworm, southern armyworm, tobacco budworm, vegetable leafminer*. Do not exceed 5 applications per season.

**Melons** – see *Cucurbits*.

***Onions (dry bulb & garlic) (1):***

To control [kill] *armyworm, cutworm, leafminer, onion maggot (adult), onion thrips, stinkbug*. Do not exceed 6 applications per season.

***Peppers (bell) (3):***

To control [kill] *beet armyworm, aphid, cabbage looper, corn earworm, European corn borer, flea beetle, pepper weevil, vegetable leafminer*. Do not exceed 8 applications per season.

***Potatoes (14):***

To control [kill] *beet armyworm, cabbage looper, Colorado potato beetle, cutworm, European corn borer, potato aphid, potato flea beetle, potato leafhopper, potato psyllid, potato tuberworm, tarnished plant bug*. Do not exceed 8 applications per season.

***Spinach (1):***

To control [kill] *aster leafhopper, beet armyworm, cabbage looper, corn earworm, cutworm, European corn borer, leafhopper*. Do not exceed 5 applications per season.

***Sweet Corn (1):***

To control [kill] *corn earworm, corn rootworm (adult), European corn borer, fall armyworm, hop vine borer, leafhopper, southern armyworm, stalk borer*. Dust every 5 days or as needed. Do not exceed 6 applications per season.

***Tomatoes (0):***

To control [kill] *beet armyworm, cabbage looper, Colorado potato beetle, granulate cutworm, hornworm, vegetable leafminer, tomato fruitworm, tomato pinworm*. Do not exceed 6 applications per season.

**ORNAMENTALS**

**(including Roses, Flowers, Shrubs, and Small Trees)**

Contact insects directly whenever possible.

***Controls: aphid, bagworms, cabbage looper, cicadas, corn earworms, cutworm, exposed thrips, fall cankerworm, fall webworm, inchworms, Japanese beetle (adults), leafhopper, leafminer, and omnivorous leafroller, mealybugs, spider mites, stinkbugs, adult strawberry root weevil, adult obscure root weevil, thrips and whitefly on the following plants:***

African Violets, Ageratum, Arizona Cypress, Aster, Azalea, Begonia, Camellia, Carnation, Chrysanthemum, Coleus, Common Ninebark, Common Snowberry, Crassula, Dahlias, Delphinium, Dogwood, Exacum, Euonymus, English Ivy, Fuchsia, Geranium, Gladiolus, Gold Bells, Grape Vines (ornamental), Hypoestes, Ivy, Laurel, Lilac, Marigold, Mock Orange,

Nannyberry, Orchid, Palm, Pansy, Pea Shrub, Petunia, Philodendron, Poinsettia, Rhododendron, Rose, Snapdragon, Stocks, Taxus, Wax Plant, Wandering Jew, Weeping Fig, Zinnia.

### **FRUIT AND NUT TREES**

The number in parentheses ( ) following each crop grouping is the pre-harvest interval, e.g., the number of days that must be observed between application and harvest. May also include relevant comments.

#### ***Apples (Do not apply after petal fall):***

To control *apple aphid, green fruitworm, redbanded leafroller, plum curculio, spotted tentiform leafminer, tarnished plant bug, white apple leafroller*. Do not exceed 1 applications per season.

#### ***Cherries (In the East, do not exceed 4 applications after petal fall):***

To control *green fruitworm, lesser peachtree borer, plum curculio, redbanded leafroller, rose chafer, tarnished plant bug*. Do not exceed 6 applications per season.

#### ***Cherries (In the West, do not exceed 3 applications after petal fall):***

To control *green fruitworm, lesser peachtree borer, plum curculio, redbanded leafroller, rose chafer, tarnished plant bug*. Do not exceed 4 applications per season.

#### ***Peaches (14):***

To control *green fruitworm, lesser peachtree borer, Oriental fruit moth, peach twig borer, plum curculio, rose chafer, tarnished plant bug*. Dust lightly. Apply up to 5 times per season.

***Pears - Dormant (May be applied dormant through the delayed dormant growth periods only):*** To control *pear psylla*. Do not exceed 2 applications per season.

#### ***Pears – Pre-bloom (May be applied from dormant through bud burst):***

To control *codling moth, green fruitworm, pear psylla*. Do not exceed 2 applications per season.

#### ***Walnuts (1):***

To control *codling moth, navel orange worm, walnut husk fly*. Do not exceed 8 applications per season.

### **BEEF AND DAIRY CATTLE AND HORSES**

[This product] can be used in dust bags, [a] [this] shaker can, and in mechanical dust applicators.

#### ***Horn Flies, Lice, Face Flies:***

Place contents of this package in any commercially available dust bag. Suspend filled bags in areas frequented by cattle or in gateways or lanes through which the animals must pass daily for water, feed, or minerals. Bags may also be placed in loafing sheds or in front of mineral feeders. For dairy cows, bags may be suspended in the exit through which the cows leave the milking barn. The bags should hang 4 to 6 inches below the back line of the cattle. For reduction of *Face Flies*, bags must be located so animals will be forced to use them daily, and hung at a height so that the animal's face is dusted.

#### ***Horn Flies, Lice:***

*Direct Application:* Apply 2 oz. of [this product] [dust] per animal by [a] [this] shaker can or dust glove over the animal's head, neck, shoulders, back, and legs.

## SWINE

### *Lice:*

*Direct Application:* Apply only 1 oz. per head in a uniform coat to the head, shoulder and back by use of [a] [this] shaker can or suitable mechanical dust applicator. Do not apply more often than once every 10 days. In severe infestation, both animals and the bedding may be treated. Do not ship animals for slaughter within 5 days of treatment.

## POULTRY

### *To control Northern Fowl Mites, Lice:*

Apply at a rate of 1 lb. per 100 birds. Ensure thorough treatment of vent area.

### *To control Northern Fowl Mites and Lice in Poultry Houses:*

Apply [this product] to floors, roosts, and interior surfaces at a rate of 1 lb. per 40 sq. ft. Do not apply directly to eggs or nest litter. Do not contaminate feed or drinking water.

## PETS

### **(USE ONLY ON DOGS OR CATS)**

Consult a veterinarian before using [this product] on debilitated, aged, pregnant, nursing, or medicated animals.

### *To [control] [kill] Fleas, Ticks, Lice:*

Use [this product] only outside or in well-ventilated areas. Wearing household latex or rubber gloves, dust entire animal, avoiding pet's eyes, nose, mouth, and genital areas. Rub or brush pet's hair to work dust down to the skin, paying close attention to legs and feet. Use ½ oz. on pets 20 pounds and under, and 1 oz. on pets weighing over 20 pounds. Reapply every 2 weeks. [This product] should not be applied by children. Do not use on puppies or kittens under 12 weeks of age. Dust pet bedding and doghouse using [a] [this] shaker can or other dust applicator.

## ANTS

### *To control Ants, Carpenter Ants:*

Treat doors, around window frames, ant trails and hills, cracks and crevices, and other areas of entry.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a cool, dry, and secure area. Store in original sealed container away from food or feed.

### **CONTAINER DISPOSAL:**

*Non-refillable container.* Do not reuse or refill this container.

*If empty:* Do not reuse this container. Place in trash or offer for recycling, if available.

*If partly filled:* Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

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**DISCLAIMER**

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**[DISCLAIMER:]** To the extent permitted by applicable law, Seller makes no representation or warranty, either express or implied, for results due to misuse, improper handling, or improper storage of this material. Nor does Seller assume any responsibility for injury to persons, crops, animals, soil, or property arising out of misuse, improper handling, or improper storage of this material.

**OR**

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**LIMITED WARRANTY**

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To the extent permitted by applicable law, Neogen Corporation makes no warranty concerning uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label. To the extent permitted by applicable law, Neogen Corporation shall not be liable for (1) any consequential, incidental, or special damages related in any way to this product or its uses, or (2) any damages related in any way to resistance to pesticides.

**OR**

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**CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY**

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<p><b>NOTICE:</b> Read the entire Directions for Use and Conditions of Sale and Limitations of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.</p>
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To the extent permitted by applicable law, Manufacturer and Seller warrant that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law, this warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to or beyond the control of Seller or Manufacturer, and Buyer and User assume the risk of any such use. To the extent permitted by applicable law, MANUFACTURER AND SELLER MAKE NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY, EXCEPT AS STATED ABOVE.

To the extent permitted by applicable law, in no event shall Manufacturer or Seller be liable for any incidental, consequential, or special damages resulting from the use or handling of this product. TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF MANUFACTURER AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES, OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY, OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE

PRICE OF THE PRODUCT OR, AT THE ELECTION OF THE MANUFACTURER OR SELLER, THE REPLACEMENT OF THE PRODUCT.

Manufacturer and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitations of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Manufacturer.

For non-emergency (e.g., current product information), Call: <b>1-800-621-8829</b>
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[Code (NO.RE.) ~~NG.RO.RE.RT.~~]

[Chem-Tech, Ltd. is a wholly-owned subsidiary of Neogen Corporation]

[Prozap<sup>®</sup> is a Registered Trademark of Neogen Corporation]

[Insectrin<sup>®</sup> is a Registered Trademark of Neogen Corporation]

**Alternate Brand Names:**

Prozap<sup>®</sup> Insectrin<sup>®</sup> Dust

Prozap<sup>®</sup> Garden & Poultry Dust

**Optional Marketing Statements/Graphics:**

{**Note to Reviewer:** References in optional marketing claims to [listed animals/insects/sites] may be replaced with specific animals/insects/use sites from this label, provided the claims are not misleading with regard to approved uses.}

Ready-To-Use

Easy-To-Use

Kills [listed insects]

Controls ornamental pests

Permethrin

[Contains] [With] Permethrin

To [control] [kill] [listed vegetable pests]

Use on home garden, fruits, vegetables, and ornamental plants (including roses)

Use on fruit & nut trees

Use on dogs, cats, and pet bedding to control fleas, ticks, and lice

Controls Horn Flies and Lice on Beef and Dairy Cattle

Aids in reducing Face Fly population on Beef and Dairy Cattle

Controls Lice on Swine

Controls Northern Fowl Mites on Poultry

For use in dust bags, [this] shaker can, or mechanical dust applicator

Easy-to-use powder duster

No unpleasant odor

General Purpose Livestock & Poultry Dust

For lice and fly control on horses, cattle, and swine

Also for fleas, ticks & lice on dogs

Made in the U.S.A.

<American Flag Graphic>

<Neogen logo>

- <Neogen Corporation logo>
  - <Neogen flask logo>
  - <Chem-Tech logo>
  - <Silhouette/graphics of [listed animals]>
  - <Silhouette/graphics of [listed insects]>
  - <Silhouette/graphics of [listed use sites/buildings]>
  - <Silhouette/Graphic of [litsted flowers]>
  - <Silhouette/Graphic of [listed vegetables]>
- {Note to reviewer: silhouettes may be in color or white depending on label background}

Examples of Company Logos:



OR



Example of flower silhouette:



Example of vegetable/flower graphic:



Examples of animal silhouettes/graphic:

